

SPEAKER SYSTEMS

ABSTRACT OF THE DISCLOSURE

5 A speaker system is provided which includes a sound box and a speaker
mounted in the sound box. The sound box is divided into a plurality of air chambers,
each of which is formed with at least an air dissipating hole connecting the
atmosphere of the box and at least an air passing hole connecting at least a
neighboring air chamber, so as to generate behind the speaker pressurized air
cushions corresponding to each frequency band of the frequency response of the
speaker. Meanwhile, upon reaching the air dissipating hole of each air chamber the
air cushions are generated depressurized and vanished at an appropriate timing so
that formerly air cushions do not interfere with those generated in succession;
therefore each frequency band of the frequency response of the speaker is provided
with an appropriate and independent pressurized air cushion so that high fidelity
15 sound frequencies can be reproduced.

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